

Evolution of Information Storage

Pre-History Pictography and petrography

Circa 44,000 BC Earliest recorded image (Hungary) carving on mastodon tooth

Circa 4th millennium BC Alphabet emerges

Circa 4th millennium BC Clay Tablets

Circa 2nd millennium BC Papyrus

Circa 200 BC Parchment

Circa 100 AD Paper invented in China

Circa 700 AD Use of paper spreads to Islam

12th century AD Papermaking spreads to Europe

Circa 1450 Movable Type/Printing Press

Circa 1565 Pencil Invented

Circa 1820 Photographic Film

Circa 1830 Microfilm

Circa 1870 Motion photography (forerunner to Motion Pictures)

Circa 1895 First projected Motion Picture

Circa 1940 First Digital Computer

Circa 1950 First Microchip

1956 First Hard Drive Made of 50 two-foot diameter platters. Total capacity: 5 MB.

Circa 1960 Videocassettes

1964 Gordon Moore suggests that integrated circuits would double in complexity every year. This later becomes known as Moore's Law.

1967 First Floppy Disk

1969 ArpaNet launched a distributed computing solution created in response to Sputnik. Evolution of ArpaNet and distributed computing protocols leads to today's Internet

1971 8" Floppy Disks Introduced

1972 5 1/4" Floppy Disks

1980 CD-Audio standard for optical disk storage of digital audio created

1980 3 1/2" Floppy Disks

1983 CD-ROMs invented as extension of audio CD technology

1991 World Wide Web introduced to the Internet

1994 Zip drive and Zip disks introduced

1997 Jaz drive introduced

1998 Web size estimates range between 275 (Digital) and 320 (NEC) million pages for 1 quarter.

1999 MP3 was one of the emerging technologies for sound files

2000 Web size estimates by NEC-RI and Inktomi surpass 1 billion indexable pages.

2001 Over 100 million Internet hosts.

2002 Over 580 million Internet users worldwide with over 53 million Internet hosts. Over 50% of US homes have personal computers.

2003 Miniature hard disk drives, the size of US quarters, that can store 4 GB of information.

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